# ALPHA LENCHO

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## Professional Summary

Versatile data professional skilled in data analytics, data engineering, and building robust data pipelines and warehouses. Proficient in Python, SQL, and PostgreSQL, with expertise in financial data analysis and machine learning model development. Passionate about leveraging MLOps practices to deliver scalable solutions and drive data-driven decision-making in dynamic environments.

## Skills

| Technical Skills | Software Tools |
|---|---|
| Python, SQL, PostgreSQL, Data Analytics, Data Engineering, Data Warehousing, Machine Learning, MLOps, Data Pipelines, Financial Data Analysis, ETL, Data Visualization, Git, Docker, Jupyter Notebooks, Pandas, NumPy, Scikit-learn, TensorFlow, Streamlit | Visual Studio Code, Jupyter Notebooks, Kaggle, Google Colab, Apache Spark, Git, Docker, Tableau, Streamlit, GitHub, PyCharm, Excel, Power BI |

## Work Experience

Data Analyst - Yegna Delivery - Hawassa, Sidama, Ethiopia (Remote) - Aug 2024 - Present
- Analyze operational and customer data to optimize delivery efficiency and enhance customer experience.
- Develop reports, dashboards, and predictive models to track KPIs, forecast demand, and improve delivery routes.
- Collaborate with cross-functional teams to provide actionable insights that support data-driven decisions.

Network Engineer (Intern) - Mehbub General Trading PLC - Addis Ababa, Ethiopia (On-site) - Jul 2024 - Sep 2024
- Assisted in network management and network security tasks.
- Gained hands-on experience in configuring and maintaining network systems.
- Contributed to optimizing network performance and troubleshooting connectivity issues.

## Projects

**Insurance Claim Analytics**
- **Description**: This project involves data analytics and predictive modeling to optimize car insurance marketing strategies at AlphaCare Insurance Solutions (ACIS). By analyzing historical insurance claim data, the goal is to identify low-risk clients and reduce premiums, while also attracting new customers in the South African market.
- **Project Link**: Insurance-Claim-Analytics

**Store Sales Forecast ML**
- **Description**: This project is focused on predicting daily sales for Rossmann stores using machine learning. It involves time series forecasting, data preprocessing, and feature engineering to help store managers forecast future sales trends and make informed business decisions.
- **Project Link**: Store-Sales-Forecast-ML

**Telecom Business Analyzer**
- **Description**: This project analyzes customer data for TellCo, a mobile service provider, to identify growth opportunities. It includes user analysis, clustering, engagement analysis, experience analysis, and the development of an interactive dashboard to visualize insights.

- **Project Link**: Telecom-Business-Analyzer

**Financial News Sentiment & Stock Market Analysis**
- **Description**: This project explores how sentiment analysis of financial news headlines correlates with stock market movements. By analyzing news sentiment and stock price data, the project aims to develop investment strategies based on these insights.
- **Project Link**: Financial-News-Sentiment-Stock-Market-Analysis

**Telegram E-Commerce NER**
- **Description**: This project aims to develop a Named Entity Recognition (NER) system for EthioMart, a centralized e-commerce platform in Ethiopia. The system extracts key business entities such as product names, prices, and locations from Amharic text, images, and documents shared across multiple Telegram channels.
- **Project Link**: Telegram-E-Commerce-NER

**Time-Series Portfolio Optimization**
- **Description**: This project focuses on analyzing stock market data using time series analysis, with the goal of forecasting stock prices and optimizing portfolios. It includes various steps such as data preprocessing, exploratory data analysis (EDA), and time series decomposition to identify trends and volatility. It also implements SARIMA models for stock price forecasting and portfolio optimization based on forecasted returns.
- **Project Link**: Time-Series-Portfolio-Optimization

## Education

**Bachelor's degree, Information Systems - Addis Ababa University - Ethiopia - Jul 2021 - Jun 2025**
- **Specialization**: Focused on Information Systems, with a strong foundation in data analysis, programming, and systems design. Gained hands-on experience with various data engineering tools and technologies.

**Generative AI Engineering, Machine Learning Engineering, and Data Engineering - 10 Academy - Aug 2024 - Nov 2024**
- **Specialization**: Intensive training in generative AI, machine learning, and data engineering. Acquired practical skills in AI model development, machine learning algorithms, and data engineering techniques.

**Supervised Machine Learning: Regression and Classification - Coursera - Nov 2024**
- **Specialization**: In-depth study of supervised machine learning techniques, focusing on regression and classification models. Enhanced understanding of model evaluation and real-world applications of machine learning.

**Python Programming and Introduction to AI - Addis Ababa University (AAiT) - Ethiopia - Jan 8, 2023 - Feb 10, 2023**
- **Specialization**: Gained foundational knowledge in Python programming and introductory AI concepts. Covered topics such as basic Python syntax, data structures, and the principles of artificial intelligence.